| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-----------|--------|--|--|---------------------|---------|------------------|
| L1 | 0 | Lindsey.au. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/31 12:45 |
| L2 | 0 | "lindsey-jonathan.ini" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/31 12:46 |
| L3 | 7 | lindsey-jonathan.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/31 14:52 |
| L4 | . 2 | ("6212093").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR . | OFF | 2007/01/31 16:06 |
| L5 | 982541 | (collidine or lutidine or butylpyridine or dimethylaminopyridine or trimethylamine or tea or triethylamine or tributylamine or diisopropylamine or "bis(dimethylamino)napthalene" or diazabicyclo or "sodium carbonate" or "na3co3" or "nh3" or ammonia) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/31 13:59 |
| L6 | | I4 and I5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR. | ON | 2007/01/31 14:04 |
| L7 | 309078 | (mesitylene or durene or dichlorobenzene or trichlorobenzene or chloronaphthalene or dimethylformamide or "dmf" or dimethylacetamide or "dma" or dimethylpropionamide or benzonitrile or anisole) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/31 14:16 |

| L8 | 1 | 14 and 17 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/31 14:16 |
|-----|------|--|--|------|-----|------------------|
| L9 | 2 | "pct/us00/17847" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/31 14:53 |
| L18 | 575 | (438/96).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2007/01/31 15:43 |
| L19 | 517 | L18 and silicon | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/31 15:43 |
| L20 | 340 | L19 and doped | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/31 15:43 |
| L21 | 118 | L20 and (coating or coat) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/31 15:43 |
| L22 | 41 | L20 and ("hydrogen passivated" or passivation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR . | ·ON | 2007/01/31 15:43 |
| L23 | . 22 | L21 and L22 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR . | ON | 2007/01/31 15:43 |

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|-----|--------|---|--|------|-----|------------------|
| L24 | 213 | L18 and (sulfur or oxygen or hydroxyl or alcohol) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/31 15:43 |
| L25 | 13 | L23 and L24 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/31 15:43 |
| L26 | 1 | L25 AND "n-doped silicon" and "p-doped silicon" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/31 16:05 |
| L27 | 168457 | bromosuccinimide or chlorosuccinimide or iodosuccinimide or icl or "so2cl2" or "brccl3" or "pcl5" or "cbr4" or ("br2" and "hgo") or "mocl5" or "cf3of" or "agsbf6" or "phse(o)cl" or "alcl3" or "albr3" or "cl2o" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ÓN | 2007/01/31 16:11 |
| L28 | 0 | I27 and I4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/31 16:11 |
| L29 | 3 | I18 and I27 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/31 17:04 |
| L30 | 2 | ("5280183").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2007/01/31 17:05 |
| L31 | | 130 and 17 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR . | ON | 2007/01/31 17:06 |

| L32 | . 1 | l30 and l5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/31 17:06 |
|-----|-----|---|--|---------|----|------------------|
| L33 | | l30 and l7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/31 17:07 |
| L34 | 0 | l30 and l27 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR · | ON | 2007/01/31 17:07 |
| L35 | 1 | 132 and 133 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/31 17:54 |
| L36 | 1 | l29 and (initiator or uv or "benzoyl peroxide" or aibn or azobisisobutyronitrile) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/31 17:56 |
| L37 | 0 | I29 and (halogenate or halogenation or halogenating) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/31 17:56 |
| S1 | 52 | ("20020179806" "3637581" "461850 9" "5089872" "5173443" "5280183" "5281552" "5294285" "5463014" " 5475075" "5547774" "5814420" "58 44055" "6013170" "6031756" "6128 214" "6136678" "6208553" "621209 3" "6246505" "6272038" "6324091" "6381169" "6451942").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/01/25 13:36 |
| S2 | 1 | (porphyrin or porphyrinic or ferrocene) and silicon and alcohol and coating and halogenating and ("hydrogen passivated" or passivation) and ("p-doped" or "p doped" or "n-doped" or "n doped") and base | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/01/26 15:36 |

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|-----|----|---|--|-------|-----|------------------|
| S3 | 52 | ("20020179806" "3637581" "461850 9" "5089872" "5173443" "5280183" "5281552" "5294285" "5463014" " 5475075" "5547774" "5814420" "58 44055" "6013170" "6031756" "6128 214" "6136678" "6208553" "621209 3" "6246505" "6272038" "6324091" "6381169" "6451942").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/01/24 17:20 |
| S4 | 16 | S3 and (alcohol or oxygen or "primary alcohol") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/01/24 17:23 |
| S5 | 14 | S3 and (alcohol or oxygen or "primary alcohol") and silicon | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND . | ON | 2007/01/24 17:23 |
| S6 | | (porphyrin or porphyrinic or ferrocene) and silicon and alcohol and ("hydrogen passivated" or passivation) and ("p-doped" or "p doped" or "n-doped" or "n doped") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/01/24 17:44 |
| S7 | 4 | S3 and (("hydrogen passivated" or passivation) or ("p-doped" or "p doped" or "n-doped" or "n doped")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/01/25 13:03 |
| S8 | 3 | ("2002033045").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2007/01/25 13:03 |
| S9 | 3 | "2002033045" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR . | ON | 2007/01/25 13:03 |
| S10 | 1 | ("200233045").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2007/01/25 13:04 |

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|-----|------|---|--|---------------------------------------|----------|------------------|
| S11 | 1 | "200233045" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/25 13:04 |
| S12 | 2 | ("5834100").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2007/01/26 15:35 |
| S13 | 470 | (556/449).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2007/01/26 17:15 |
| S14 | 176 | (556/400).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF , | 2007/01/26 15:36 |
| S15 | 2 | (porphyrin or porphyrinic or ferrocene) and silicon and alcohol and (S13 or S14) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/01/26 15:47 |
| S16 | ΄0 | seminconductor and (S13 or S14) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND. | ON | 2007/01/26 15:48 |
| S17 | . 14 | (("200020197806") or ("6136678") or ("6246505") or ("5294285") or ("5281552") or ("5173443") or ("5089872")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2007/01/26 15:50 |
| S18 | 52 | ("20020179806" "3637581" "461850 9" "5089872" "5173443" "5280183" "5281552" "5294285" "5463014" " 5475075" "5547774" "5814420" "58 44055" "6013170" "6031756" "6128 214" "6136678" "6208553" "621209 3" "6246505" "6272038" "6324091" "6381169" "6451942").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT. | AND | ON | 2007/01/26 15:54 |

| | EAST SCATCH HISTORY | | | | | | |
|-----|---------------------|--|--|------|------|------------------|--|
| S19 | | S17 and S18 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/26 15:50 | |
| S20 | 34 | S18 and (porphyrin or alcohol or silicon or halogenating or coupling or suface or coating) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/01/26 15:55 | |
| S21 | 34 | S18 and (porphyrin or porphyrinic or doped or passivation or passivated or alcohol or silicon or halogenating or coupling or suface or coating or base or halogen) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/01/26 16:03 | |
| S22 | . 34 | S18 and (porphyrin or porphyrinic or doped or passivation or passivated or alcohol or silicon or hydroxyl or halogenating or coupling or suface or coating or base or halogen) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/01/26 16:04 | |
| S23 | 470 | (556/449).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR , | OFF | 2007/01/26 17:16 | |
| S24 | 176 | (556/400).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2007/01/26 17:16 | |
| S25 | 326 | (S23 or S24) and silicon | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/26 17:16 | |
| S26 | 1 | S25 and (porphyrin or porphyrinic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR . | ON | 2007/01/26 17:16 | |
| S27 | 281 | S25 and (oxygen or hydroxyl or alcohol) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON . | 2007/01/26 17:17 | |

| S28 | 5 | S27 and (halogenate or | US-PGPUB; | OR | ON | 2007/01/26 17:19 |
|-----|-------|--|--|----|------|------------------|
| | | halogenation or halogenating) | USPAT; USOCR; FPRS; EPO; JPO; DERWENT | | , | |
| S29 | . 133 | S27 and (halogenate or halogenation or halogen) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/26 17:20 |
| S30 | 5 | S27 and (halogenate or halogenation or halogenating) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/26 17:20 |
| S31 | 2 | ("5834100").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2007/01/30 12:35 |
| S32 | 575 | (438/96).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2007/01/30 12:36 |
| S33 | 517 | S32 and silicon | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON . | 2007/01/30 12:36 |
| S34 | 340 | S33 and doped | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/30 12:37 |
| S35 | 0 | S34 and (porphyrin or porphyrinic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/30 12:37 |

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| S36 | 113 | S34 and coating | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/30 12:38 |
|------|-----|---|--|----|-----|------------------|
| S37 | 118 | S34 and (coating or coat) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/30 12:38 |
| S38 | 41 | S34 and ("hydrogen passivated" or passivation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ÖR | ON | 2007/01/30 12:39 |
| S39. | 22 | S37 and S38 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/30 12:40 |
| S40 | 213 | S32 and (sulfur or oxygen or hydroxyl or alcohol) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/30 12:41 |
| S41 | 22 | S40 and S38 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/30 12:42 |
| S42 | 13 | S39 and S40 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/31 15:43 |
| S43 | 2 | ("5834100").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2007/01/31 12:44 |